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Ichihashi et al.

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[54] FERROELECTRIC LIQUID CRYSTAL COMPOSITION

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[63] Continuation of application No. 08/572,349, Dec. 14, 1995, abandoned, which is a continuation of application No. 08/418,887, Apr. 7, 1995, abandoned, which is a continuation of application No. 08/255,883, Jun. 7, 1994, abandoned, which is a continuation of application No. 07/888,304, May 27, 1992, abandoned, which is a continuation of application No. 07/742,588, Aug. 7, 1991, abandoned, which is a continuation of application No. 07/312,930, Feb. 21, 1989, abandoned.

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ABSTRACT

A ferroelectric liquid crystal composition exhibiting a novel chiral smectic phase is disclosed. In this novel phase, a director of liquid crystal molecules may settle in a third stable state which is distinguished from known bistable states of liquid crystal molecules in a ferroelectric chiral smectic C phase. By using this composition in a display element, a dichromatic display having a quick response can be provided on a third-colored display ground by applying a controlled electric field across the composition.

11 Claims, 4 Drawing Sheets

